

Substitute for form 1449A/PTO		Application Number	10/780,004
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Filing Date	February 17, 2004
		First Named Inventor	Michael ROWAN
		Art Unit	2169
		Examiner Name	KIM, Paul
Sheet	1 of 5	Attorney Docket Number	68865.001005

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/PK/	1.	US 2001/0001151	05-10-2001	Duckwall et al.	
	2.	US 2002/0083037	06-27-2002	Lewis et al.	
	3.	US 2002/0129214	09-12-2002	Sarkar	
	4.	US 2002/0144068	10-03-2002	Ohran	
	5.	US 2002/0161983	10-31-2002	Milos et al.	
	6.	US 2002/0178283	11-28-2002	Robinson	
	7.	US 2003/0014534	01-16-2003	Wantanbe	
	8.	US 2003/0097607	05-22-2003	Bessire	
	9.	US 2003/0135783	07-17-2003	Martin et al.	
	10.	US 2003/0149736	08-07-2003	Berkowitz et al.	
	11.	US 2003/0204683	10-30-2003	Okumoto et al.	
	12.	US 2003/0220929	11-27-2003	Tolpin et al.	
	13.	US 2004/0078638	04-22-2004	Cochran	
	14.	US 2005/0063374	03-24-2005	Rowan et al.	
	15.	US 2005/0066118	03-24-2005	Perry et al.	
	16.	US 2005/0066222	03-24-2005	Rowan et al.	
	17.	US 2005/0066225	03-24-2005	Rowan et al.	
	18.	US 2005/0076261	04-07-2005	Rowan	
	19.	US 2005/0076262	04-07-2005	Rowan	
	20.	US 2005/0076264	04-07-2005	Rowan et al.	
	21.	US 2006/0047895	03-02-2006	Rowan et al.	

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/PK/	22.	US 2006/0047902	03-02-2006	Passerini	
	23.	US 2006/0047903	03-02-2006	Passerini	
	24.	US 2006/0047989	03-02-2006	Delgado, et al.	
	25.	US 2006/0047998	03-02-2006	Darcy	
	26.	US 5,041,966	08-20-1991	Nakai et al.	
	27.	US 5,204,958	04-20-1993	Cheng et al.	
	28.	US 5,327,468	07-05-1994	Edblad et al	
	29.	US 5,398,331	03-14-1995	Huang et al.	
	30.	US 5,414,840	05-09-1995	Rengarajan et al.	
	31.	US 5,437,026	07-25-1995	Borman et al.	
	32.	US 5,440,735	08-08-1995	Goldring	
	33.	US 5,446,855	08-29-1995	Dang et al.	
	34.	US 5,668,991	09-16-1997	Dunn et al.	
	35.	US 5,668,991	09-16-1997	Dunn et al.	
	36.	US 5,720,028	02-17-1998	Matsumoto et al.	
	37.	US 5,794,252	08-11-1998	Bailey et al.	
	38.	US 5,806,065	09-08-1998	Lomet	
	39.	US 5,809,543	11-07-1996	Byers et al.	
	40.	US 5,845,292	12-01-1998	Bohannon et al.	
↓	41.	US 5,937,428	08-10-1999	Jantz	
	42.	US 5,963,962	06-30-1998	Hitz et al.	

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/PK/	43.	US 6,157,991	12-05-2000	Arnon	
	44.	US 6,161,192	12-12-2000	Lubbers et al.	
	45.	US 6,181,870	01-30-2001	Okada et al.	
	46.	US 6,189,016	02-13-2001	Cabrera et al.	
	47.	US 6,311,193	10-2001	Sekido	
	48.	US 6,317,815	11-13-2001	Mayer et al.	
	49.	US 6,341,341	01-22-2002	Grummon et al.	
	50.	US 6,389,547	05-2002	James et al.	
	51.	US 6,473,775	10-29-2002	Kusters et al.	
	52.	US 6,538,669	03-25-2003	Lagueux et al.	
	53.	US 6,587,962	07-01-2003	Hepner et al.	
	54.	US 6,611,850	08-26-2003	Shen	
	55.	US 6,654,830	11-2003	Taylor et al.	
	56.	US 6,658,434	12-02-2003	Watanabe et al.	
	57.	US 6,816,951	11-09-2004	Kimura et al.	
	58.	US 6,871,271	03-22-2005	Ohran et al.	
	59.	US 6,880,058	04-12-2005	Mizuno et al.	
	60.	US 6,920,106	07-19-2005	Chou et al.	
	61.	US 6,944,188	09-13-2005	Sinha et al.	
	62.	US 6,950,438	09-27-2005	Owen et al.	
	63.	US 6,981,004	12-27-2005	Ganesh et al.	

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/PK/	64.	US 6,981,114	12-27-2005	Wu et al.	
	65.	US 6,983,352	01-03-2006	Keohane et al.	
	66.	US 6,985,956	01-10-2006	Luke et al.	
	67.	US 7,000,145	02-14-2006	Werner et al.	
	68.	US 7,073,025	07-04-2006	Okamoto et al.	
	69.	US 7,143,228	11-28-2006	Iida et al.	
	70.	US 7,174,479	02-06-2007	Kutan et al.	
	71.	US 7,234,033	06-19-2007	Watanabe	
	72.	US 7,236,987	06-26-2007	Faulkner et al.	
	73.	US 7,239,581	07-03-2007	Delgado et al.	
	74.	US 7,272,666	09-18-2007	Rowan et al.	
	75.	US 7,296,008	11-13-2007	Passerini et al.	
	76.	US 7,409,587	08-05-2008	Perry	

### FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code Number-Kind Code (if known)					YES	NO
/PK/	77.	WO	99/50747	10-1999	Arnon		<input type="checkbox"/>	<input type="checkbox"/>
/PK/	78.	WO	03/088045	10-23-2003	Vishlitzky, et al.		<input type="checkbox"/>	<input type="checkbox"/>

### OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

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*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
/PK/	79.	International Search Report (PCT/ISA/210) for PCT/US05/30168, mailed 12-08-2005 (matter 1023)	<input type="checkbox"/>	<input type="checkbox"/>
	80.	International Search Report (PCT/ISA/210) for PCT/US05/30166, mailed 09-11-2006 (matter 1021)	<input type="checkbox"/>	<input type="checkbox"/>
	81.	International Search Report (PCT/ISA/210) for PCT/US05/30165, mailed 10-20-2006 (matter 1019)	<input type="checkbox"/>	<input type="checkbox"/>
	82.	International Search Report (PCT/ISA/210) for PCT/US05/30167, mailed 07-03-2007 (matter 1024)	<input type="checkbox"/>	<input type="checkbox"/>
	83.	International Search Report (PCT/ISA/210) for PCT/US05/30169, mailed 11-05-2007 (matter 1022)	<input type="checkbox"/>	<input type="checkbox"/>
	84.	Daniel Gilly and the Staff of the O'Reilly & Associates, Inc. UNIX in a Nutshell, August 1994, System V Edition, pages 2-10 and 2-47	<input type="checkbox"/>	<input type="checkbox"/>
	85.	Mitchell Shnier, Computer Dictionary, (1998) Que Corporation, pp. 572-578	<input type="checkbox"/>	<input type="checkbox"/>
	86.	William Stallings, Data and Computer Communications (2000), 6 <sup>th</sup> Edition, pp. 329-338	<input type="checkbox"/>	<input type="checkbox"/>
	87.	QING, Y., et al., "TRAP-Array: A Disk Array Architecture Providing Timely Recovery to any Point in Time", Proceedings of the 33 <sup>rd</sup> International Symposium on Computer Architecture (2006), pp. 289-301 (found in matter 1021)	<input type="checkbox"/>	<input type="checkbox"/>
↓	88.	ZHOU, et al. " A Block-Level Security based on Hierarchical Logical Volume of Fibre Channel RAID", pp. 574-577, (2005)	<input type="checkbox"/>	<input type="checkbox"/>

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